

### **ABSTRACT**

The present invention provides a system and method for operating a rechargeable battery, the system comprising: current maintaining device for maintaining a predetermined current to the rechargeable battery until the rechargeable battery reaches a predetermined maximum voltage; voltage maintaining device for maintaining a predetermined voltage to the rechargeable battery until a predetermined minimum current is delivered to the rechargeable battery; determining device for determining a cyclical charge value delivered to the rechargeable battery by the current maintaining device and the voltage maintaining device during a cycle; and a correction device for correcting the determining device when charge is not being delivered to the rechargeable battery, on the basis of the charge value.